

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,831,431 B1  
APPLICATION NO. : 10/019849  
DATED : December 14, 2004  
INVENTOR(S) : Roland Dieterle et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 1, line 19, after "offset" "1" should be deleted

In column 1, line 26, "is" should be deleted

In column 4, line 9, "Fig. 13" should be --Fig. 18--

In column 7, line 38, "t" should be --f--

In column 7, line 62, "u" should be "U"

In column 8, line 30, "u D" should be --u \_\_\_\_ D--

In column 8, line 32, " \_\_\_\_ M " should be deleted

In column 8, line 35, "GB" should be --6B--

In column 8, line 60, "73B" should be --738--

In column 8, line 62, "74B" should be --748--

In column 9, line 32, "PI-RCL" should be --"PI-RGL"--

In column 9, line 37, "3" should be --S--

In column 9, line 60, "w-th" should be --with--

In column 10, line 32, after "labeled" "1" should be deleted

In column 10, line 60, "n s" should be -- \_\_\_\_n\_\_\_\_s --

In column 10, line 61, "n s" should be -- \_\_\_\_n\_\_\_\_s --

In column 11, line 1, "CALC n" should be --CALC\_\_\_\_n--

In column 11, line 3, "CALC" n\_\_\_\_s" should be --CALC\_\_\_\_n\_\_\_\_s--

In column 11, line 18, "FCT XY=0" should be --FCT\_\_\_\_XY=0--

In column 11, line 45, "S605" should be --S606--

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In column 12, line 13, "266" should be --268--

In column 12, line 44, "is" should be deleted

In column 13, line 8, "32" should be --32'--

In column 13, line 12, "32," should be --32'--

In column 14, line 13, "32" should be --32'--

In column 15, line 24, "B" should be --s--

In column 16, line 35, "(5)" should be --(5)--

In column 16, line 39, "3" should be --8--

In column 18, line 34, "5628" should be --S628--

In column 18, line 54, "5356" should be --S356--

In column 18, line 60, "535B" should be --S358--

In column 19, line 52, "5308" should be --S308--

In column 20, line 22, "5616" should be --S616--

In column 20, line 48, "5635" should be --S635--

In column 21, line 21, "At" should be --Δt--

In column 21, line 24, "f Meas\_\_f" should be --f\_\_Meas\_\_f--

In column 21, line 54, "At" should be --Δt--

In column 22, line 45, "REM\_\_\_\_n\_\_\_\_SOLD" should be --REM\_\_\_\_n\_\_\_\_s\_\_\_\_OLD--

In column 22, line 47, "n s" should be --n\_\_\_\_s--

In column 23, line 6, "FIG. 16" should be --FIG. 18--

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In column 23, line 26, "(cf. FIG" should be --(cf. FIG. 9)--

In column 23, line 61, "5530" should be --S530--

In column 23, line 61, "RGL DIFF" should be --RGL\_\_\_\_DIFF--

In column 24, line 1, after "setpoint" --n\_\_\_\_s; -- should be inserted

In column 25, line 45, "RGL DIFF" should be --RGL\_\_\_\_DIFF--

In column 25, line 55, "is" should be deleted

In column 26, line 57, "(FIG 1)" should be --(FIG. 18)--

In column 27, line 12, "Aft" should be deleted

In column 27, line 53, "T2" should be --T12--

In column 28, line 9, "S624" should be --S624'--

In column 28, line 24, "," should be deleted

In column 28, line 54, "S624" should be --S624'--

In column 30, line 8, "x(183)" should be --X(183)--

In column 30, line 9, "183" should be --185--

In column 34, line 26, claim 29, line 2, "rotation speed" should be deleted.

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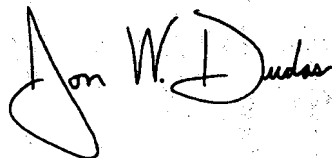
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 34, line 32, claim 31, line 2, "(TIMER 0)" should be -- (TIMERØ)--

Signed and Sealed this

Twenty-first Day of August, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*